

# NASAexplores Scavenger Hunt

*How many answers to the questions below can you find on NASAexplores? Try searching for answers using the NASAexplores [Advanced Search](#), the [list of all topics](#), and the [Trivia archive](#).*

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1. About how many times does the International Space Station orbit the Earth every day?
2. List three of the four basic survivor skills astronauts must learn.
3. Transparent polycrystalline alumina (TPA), which was developed for tracking heat-seeking missiles, is also used to make what dental devices?
4. "A \_\_\_\_\_ is when you zone out a bit, like when you're driving and you go blank, or your mind wanders and you suddenly find yourself at your destination."
5. IVHM is a system that lets a vehicle diagnose its own problems. What does IVHM stand for?
6. Some of the IVHM systems are already being test flown. On Shuttle mission STS-101 (flown in May 2000), the Shuttle carried a  $\mu$ WIS. What does  $\mu$ WIS stand for?
7. On the Space Station, WOLF is not a Klingon but an acronym for what?
8. The Multifunctional Electronic Display System (MEDS), which made its debut aboard Space Shuttle Atlantis with the STS-101 mission in May 2000, has nine active-matrix liquid crystal displays (AMLCD) on the forward flight deck and two on the aft flight deck. How many conventional gauges do the AMLCDs replace?
9. Where did the term "aeronautics" come from?
10. How many schools in America are named after John Glenn?
11. Who was president when the Wright Brothers made their first successful flight at Kitty Hawk?
12. True/False: Destiny Lab was built in the same building as the Saturn V rockets that launched the Apollo missions.



13. What was the name of the Apollo 10 lunar module?
14. Driving at 75 miles per hour, how many days would it take to drive around one of Saturn's rings?
15. LED therapy has been used successfully with diabetic skin ulcers, burns, and severe oral sores caused by cancer treatment. What does LED stand for?
16. Two NASA scientists from Ames Research Center in California have developed a special program to help astronauts control their symptoms of space motion sickness. What is this special Program called, and what is its acronym?
17. How many spaces does Destiny Lab have for equipment racks? How many of those are available for research projects?
18. True/False: The convection oven on the Space Shuttle gets hot enough to boil water.
19. "Computers can predict how certain systems should behave, Litton says, but you never know for sure until you do a \_\_\_\_\_. Testing a system can validate the prediction, or it can also point out where the prediction was wrong."
20. In earlier spacecraft (Mercury, Gemini, and Apollo), the space capsules were protected during re-entry by shedding layers of a heavy, resinous heat shield through a process called what?

